

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070651.D
 Acq On : 17 Jan 2022 17:45
 Operator : JC/MD
 Sample : N1141-03MEDL2 100X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

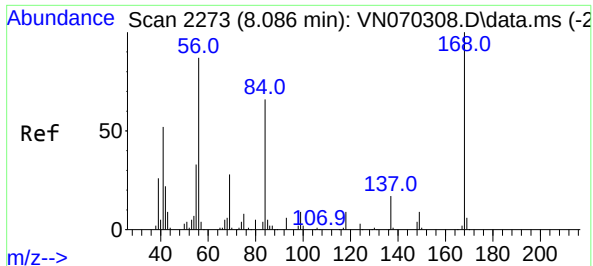
Instrument :
 MSVOA_N
 ClientSampleId :
 41862MEDL2

Quant Time: Jan 18 03:18:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1091204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1854427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1635640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	563004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	705056	44.938	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.880%		
35) Dibromofluoromethane	8.021	113	488543	43.541	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	87.080%		
50) Toluene-d8	10.440	98	2081765	45.418	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.840%		
62) 4-Bromofluorobenzene	12.731	95	744699	44.984	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.960%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.859	94	1972	0.249	ug/l	95
13) Acrolein	4.044	56	842	0.397	ug/l #	45
16) Acetone	4.293	43	134752	13.231	ug/l	95
25) 2-Butanone	7.346	43	29695	2.316	ug/l	98
31) Cyclohexane	8.083	56	59478	2.402	ug/l #	57
36) 1,1-Dichloropropene	8.083	75	88758	4.782	ug/l #	48
37) Ethyl Acetate	7.346	43	29695	1.234	ug/l #	72
38) Carbon Tetrachloride	8.086	117	106611	6.015	ug/l #	16
39) Methylcyclohexane	9.459	83	36783	1.637	ug/l #	79
40) Benzene	8.459	78	61594	1.082	ug/l	96
43) Isopropyl Acetate	8.550	43	8315	0.219	ug/l #	55
52) Toluene	10.505	92	726174	21.083	ug/l	97
53) t-1,3-Dichloropropene	10.508	75	9001	0.440	ug/l #	1
55) 1,1,2-Trichloroethane	10.872	97	3960	0.291	ug/l #	25
58) 2-Chloroethyl Vinyl ether	10.036	63	200	18.545	ug/l #	1
67) Ethyl Benzene	11.843	91	149084	2.345	ug/l	95
68) m/p-Xylenes	11.950	106	187541	8.103	ug/l	94
69) o-Xylene	12.278	106	50044	2.174	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.825	83	911	0.495	ug/l #	49
76) 1,2,3-Trichloropropane	12.731	75	379819	24.276	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	379819	82.424	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.369	105	15403	0.382	ug/l	96
95) Naphthalene	15.509	128	10932	2.208	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.700	180	1862	1.032	ug/l	100

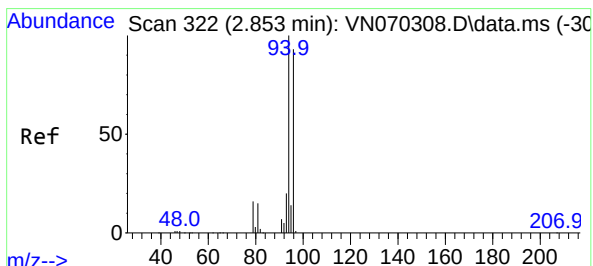
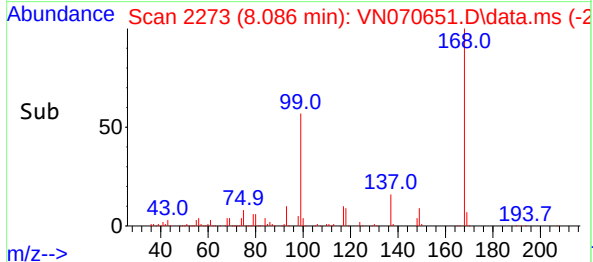
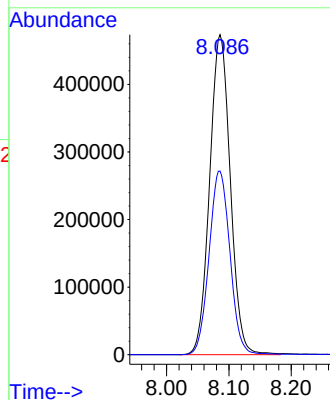
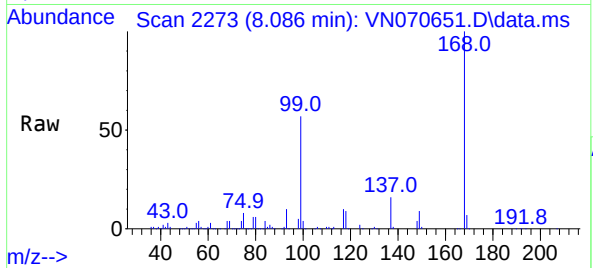
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

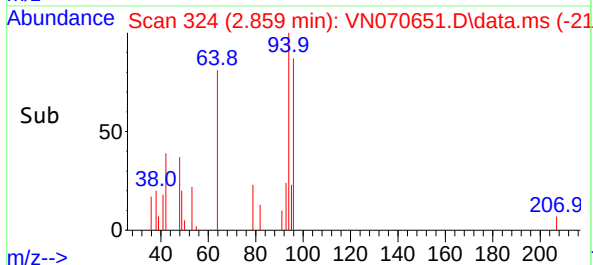
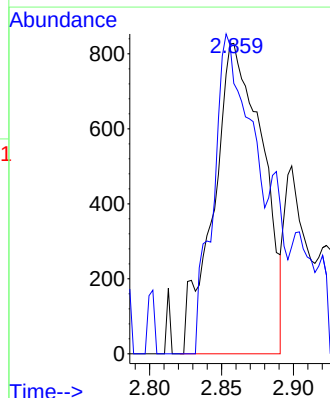
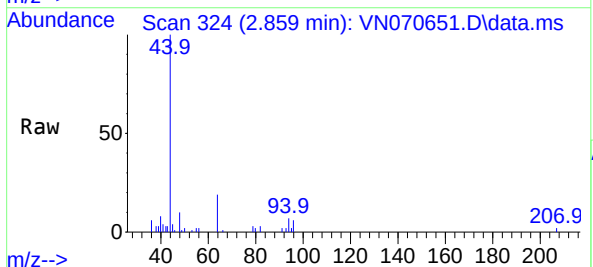
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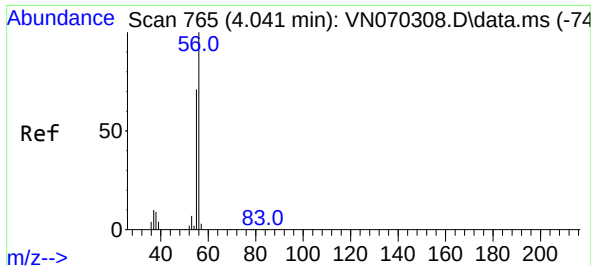
Tgt Ion:168 Resp: 1091204
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#5
Bromomethane
Concen: 0.249 ug/l
RT: 2.859 min Scan# 324
Delta R.T. 0.006 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 94 Resp: 1972
Ion Ratio Lower Upper
94 100
96 87.1 73.8 110.8

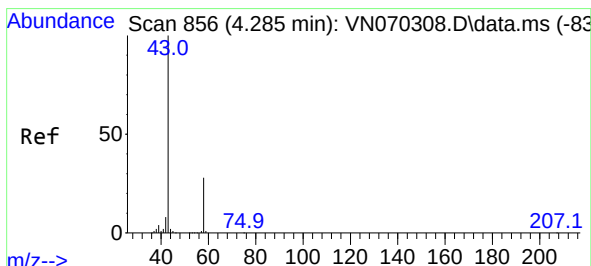
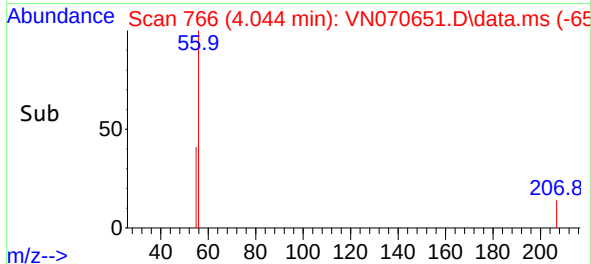
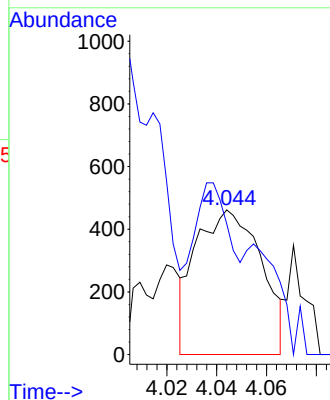
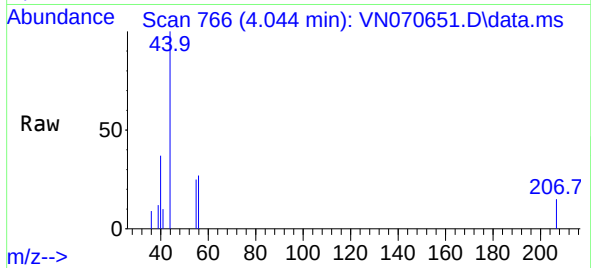




#13
Acrolein
Concen: 0.397 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

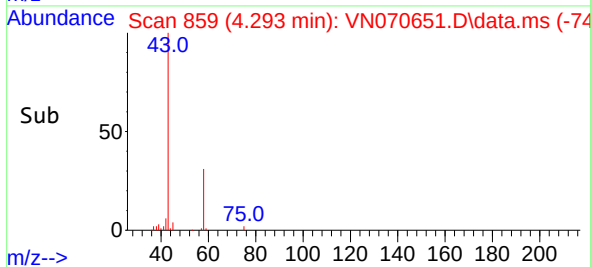
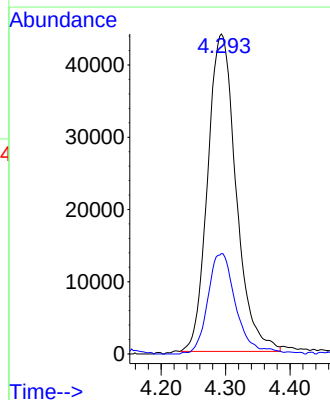
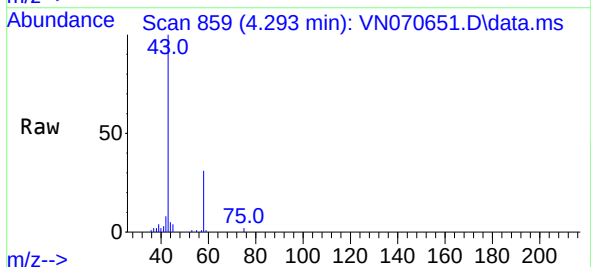
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ClientSampleId :
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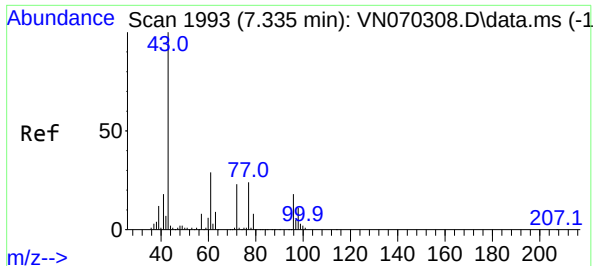
Tgt Ion: 56 Resp: 842
Ion Ratio Lower Upper
56 100
55 25.7 56.6 85.0#



#16
Acetone
Concen: 13.231 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 43 Resp: 134752
Ion Ratio Lower Upper
43 100
58 31.6 23.1 34.7

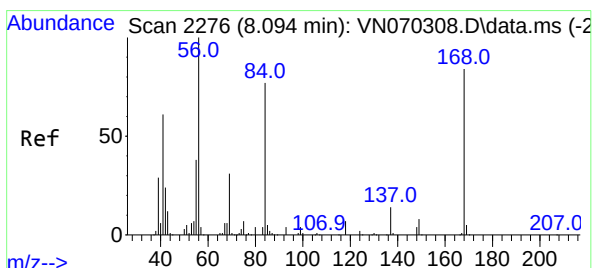
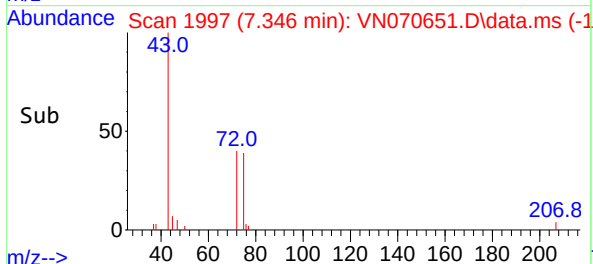
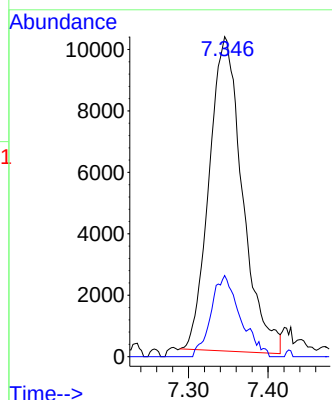
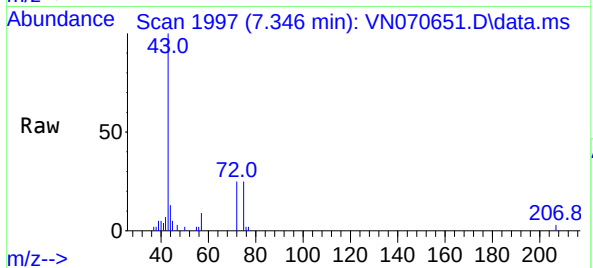




#25
2-Butanone
Concen: 2.316 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.011 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

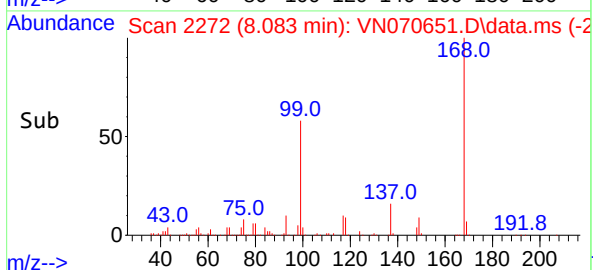
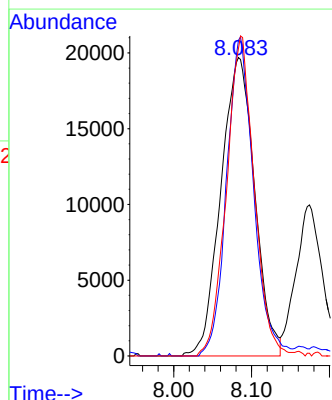
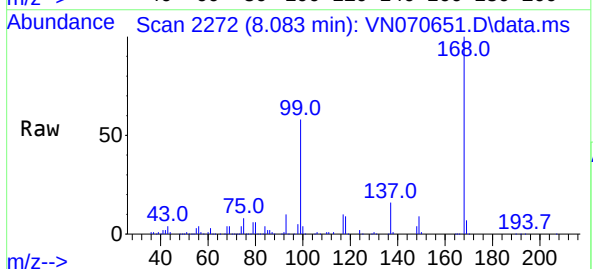
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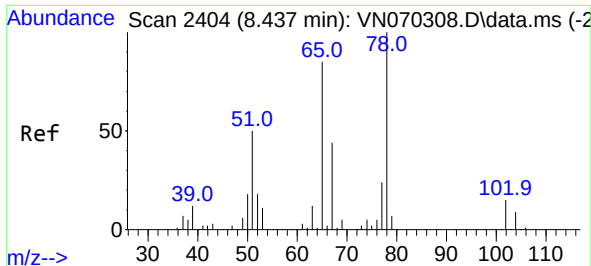
Tgt Ion: 43 Resp: 29695
Ion Ratio Lower Upper
43 100
72 26.0 21.7 32.5



#31
Cyclohexane
Concen: 2.402 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 56 Resp: 59478
Ion Ratio Lower Upper
56 100
69 105.7 27.1 40.7#
84 103.0 73.4 110.0

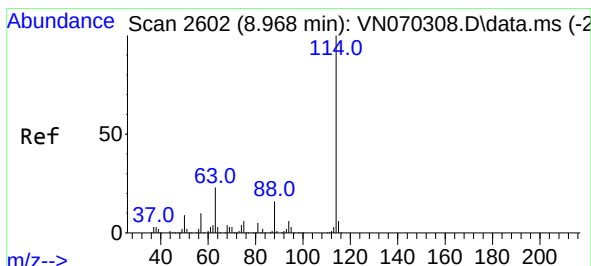
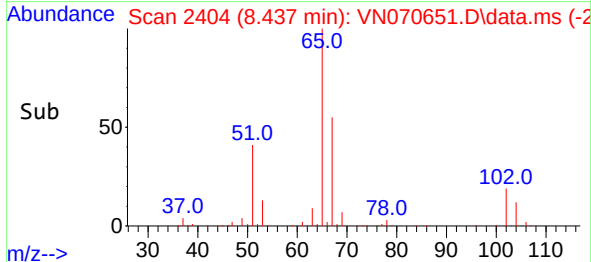
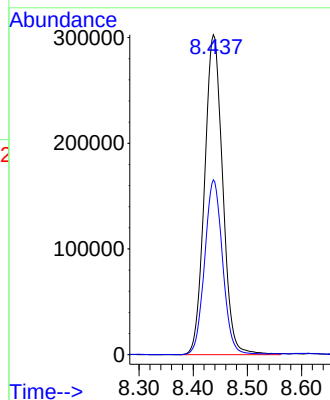
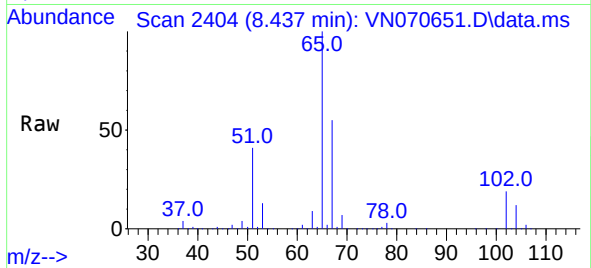




#33
 1,2-Dichloroethane-d4
 Concen: 44.938 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070651.D
 Acq: 17 Jan 2022 17:45

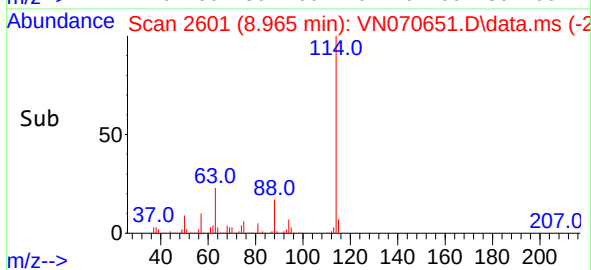
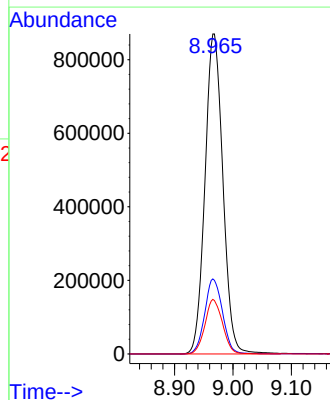
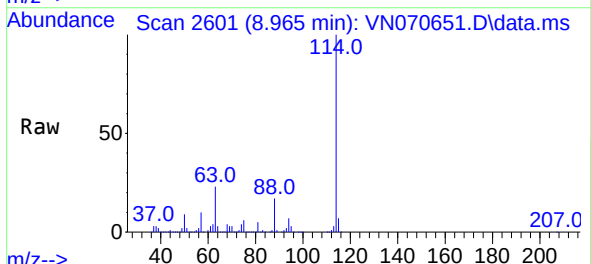
Instrument :
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 ClientSampleId :
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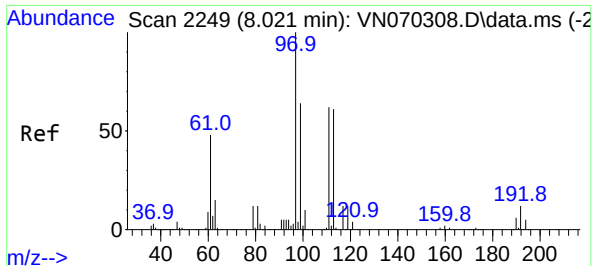
Tgt Ion: 65 Resp: 705056
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN070651.D
 Acq: 17 Jan 2022 17:45

Tgt Ion: 114 Resp: 1854427
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 17.0 0.0 27.4

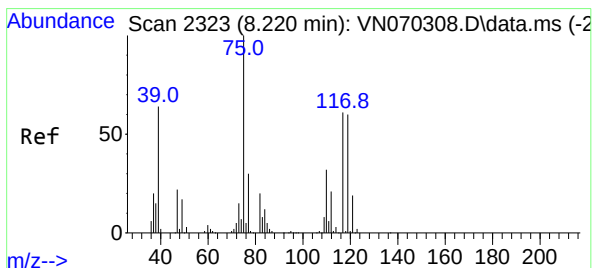
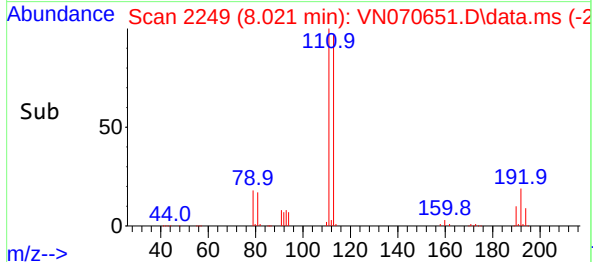
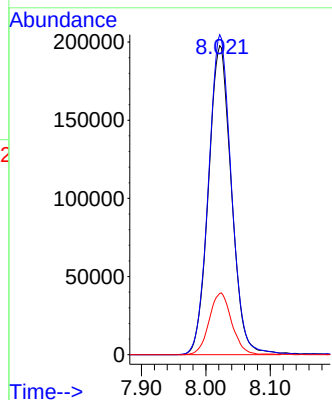
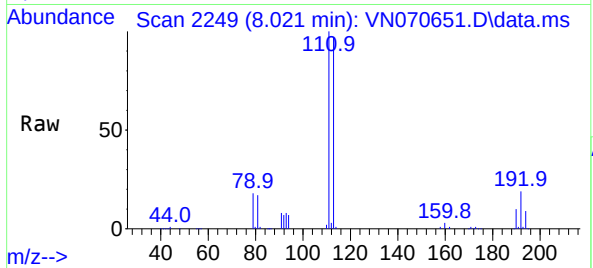




#35
Dibromofluoromethane
Concen: 43.541 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

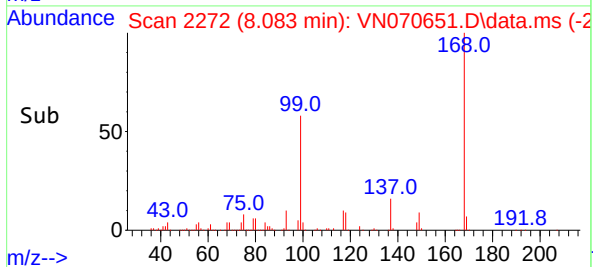
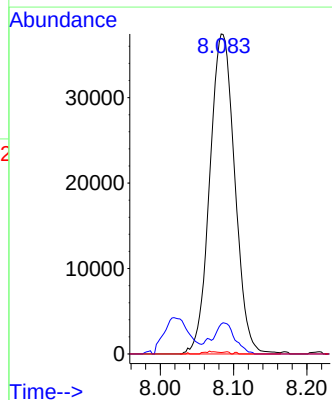
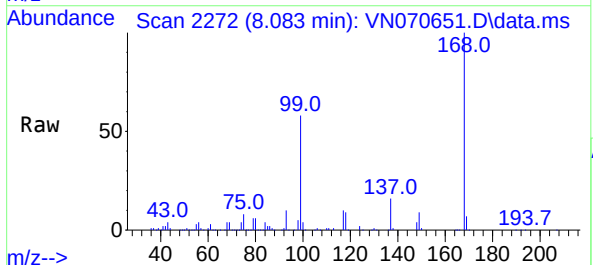
Instrument :
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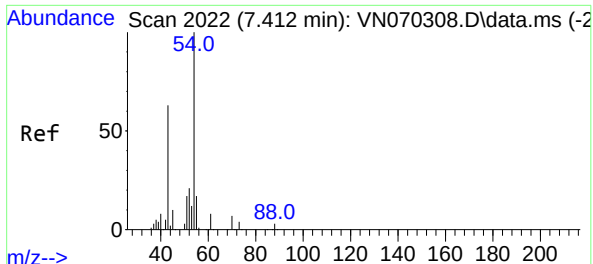
Tgt Ion:113 Resp: 488543
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 75 Resp: 88758
Ion Ratio Lower Upper
75 100
110 7.3 18.4 55.2#
77 0.0 24.4 36.6#

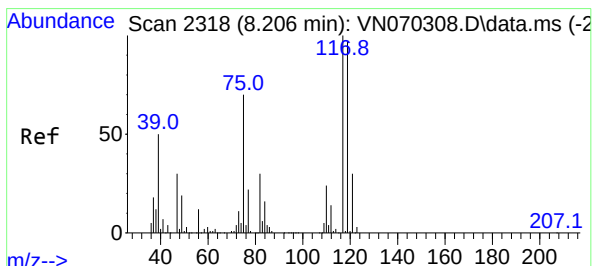
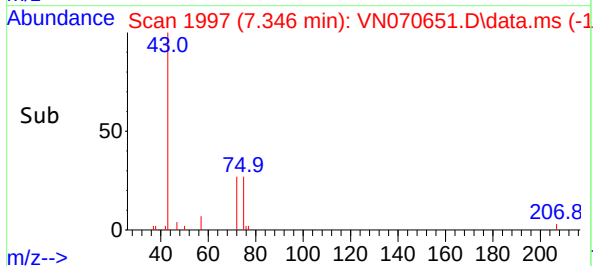
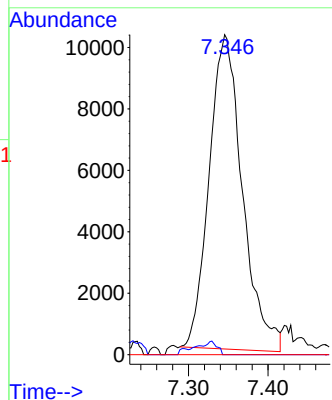
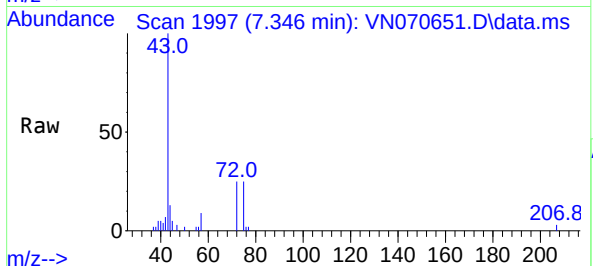




#37
Ethyl Acetate
Concen: 1.234 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. -0.066 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

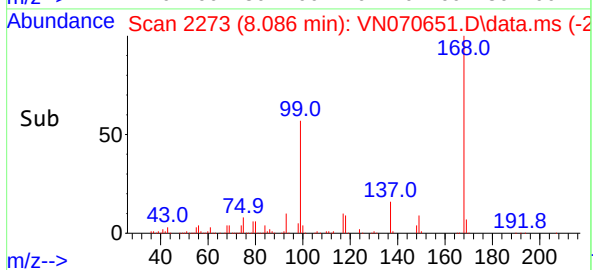
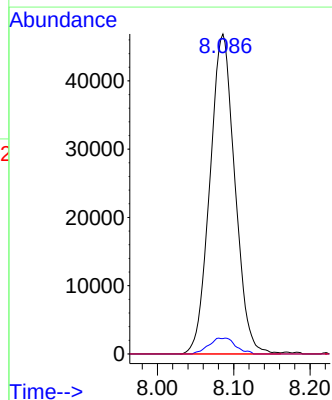
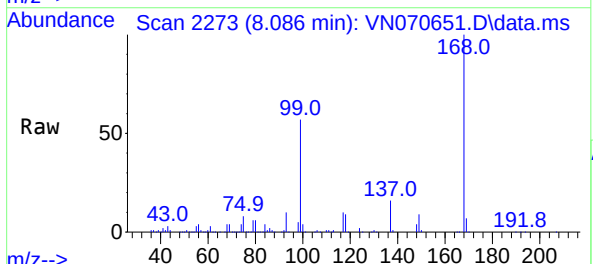
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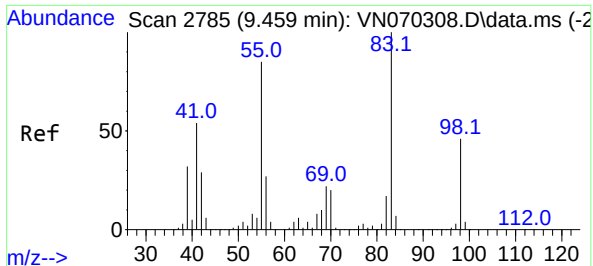
Tgt Ion:	43	Resp:	29695
Ion	Ratio	Lower	Upper
43	100		
61	2.4	11.5	17.3#
70	0.0	7.9	11.9#



#38
Carbon Tetrachloride
Concen: 6.015 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion:	117	Resp:	106611
Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.1	114.1#
121	0.0	24.2	36.2#

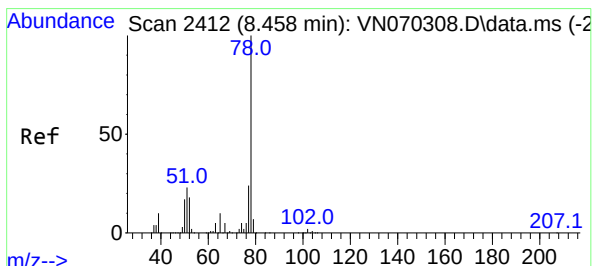
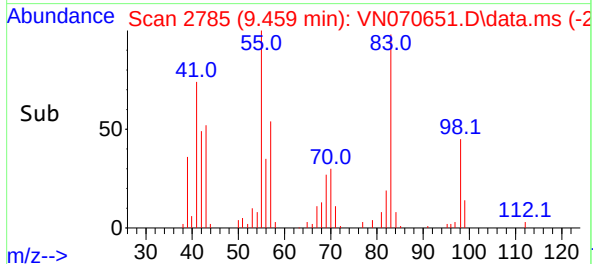
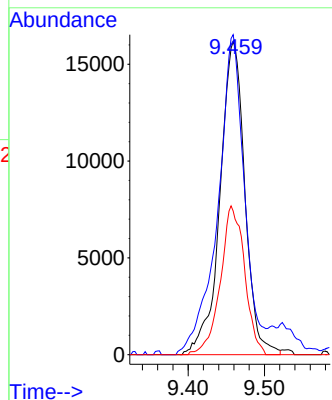
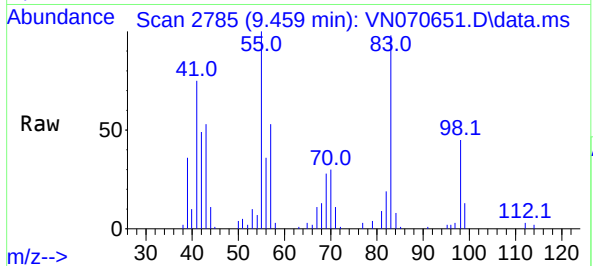




#39
Methylcyclohexane
Concen: 1.637 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

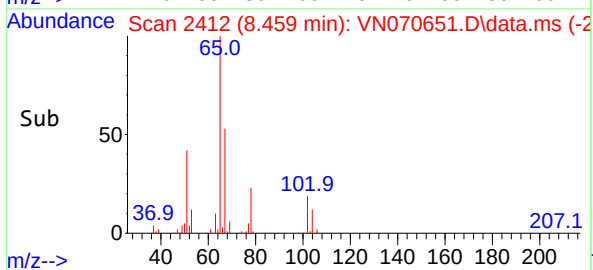
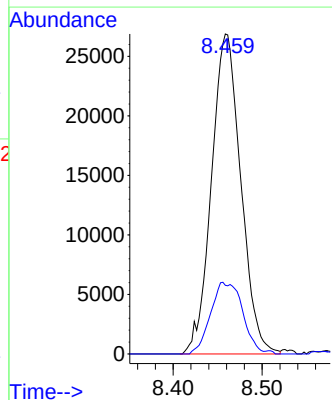
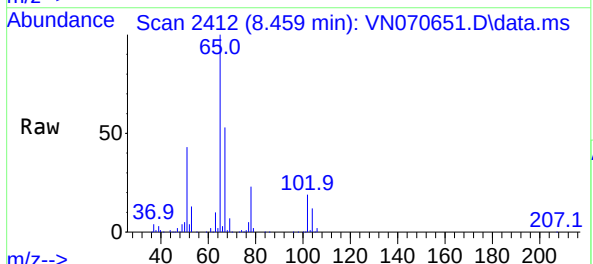
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

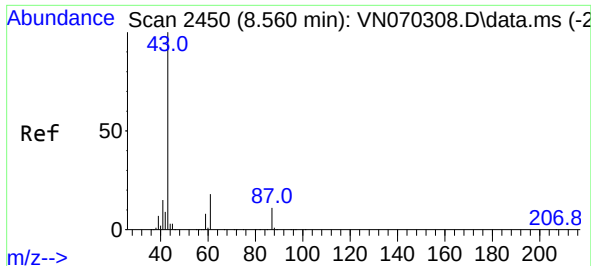
Tgt Ion: 83 Resp: 36783
Ion Ratio Lower Upper
83 100
55 100.7 58.1 87.1#
98 45.9 38.4 57.6



#40
Benzene
Concen: 1.082 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.001 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 78 Resp: 61594
Ion Ratio Lower Upper
78 100
77 21.4 18.6 27.8

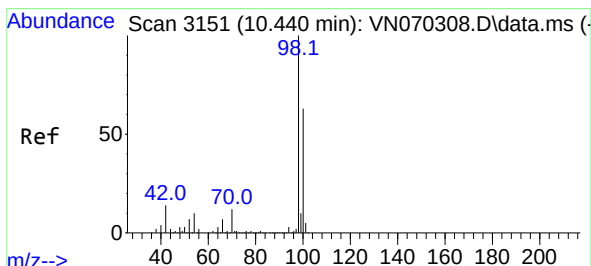
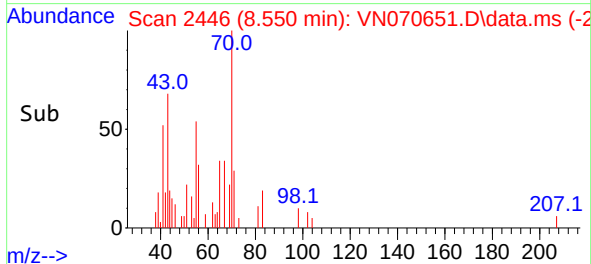
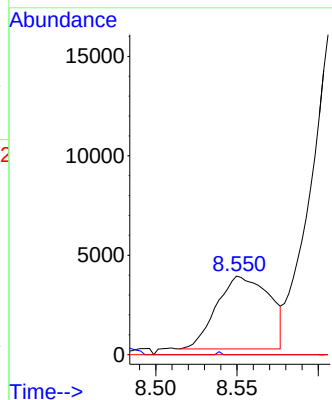
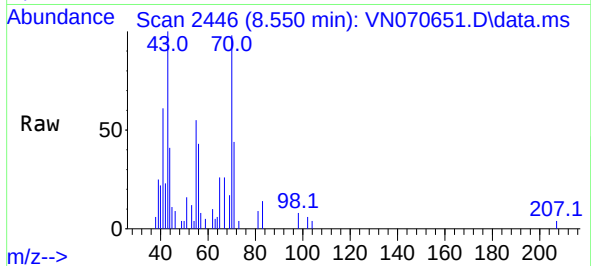




#43
Isopropyl Acetate
Concen: 0.219 ug/l
RT: 8.550 min Scan# 2450
Delta R.T. -0.010 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

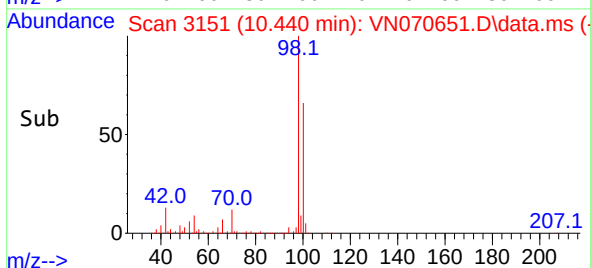
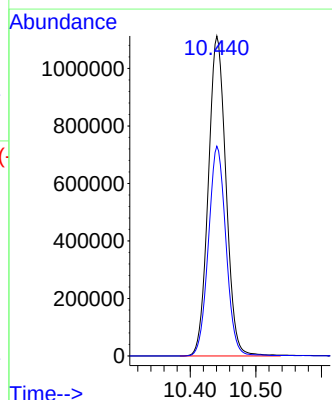
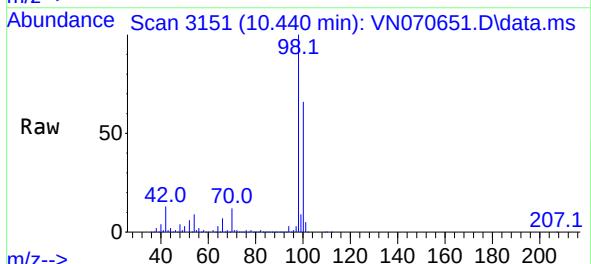
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

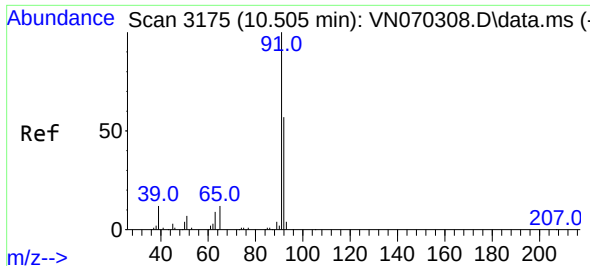
Tgt Ion: 43 Resp: 8315
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 45.418 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 98 Resp: 2081765
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6

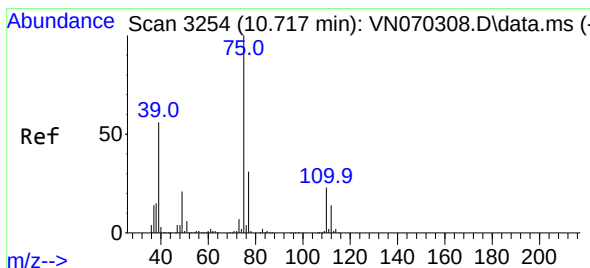
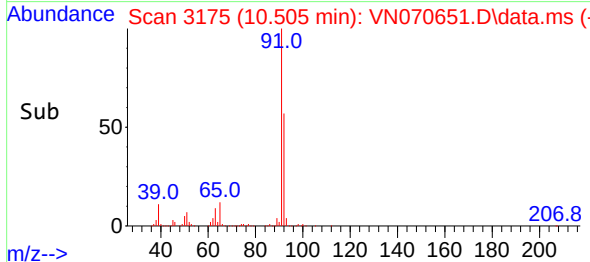
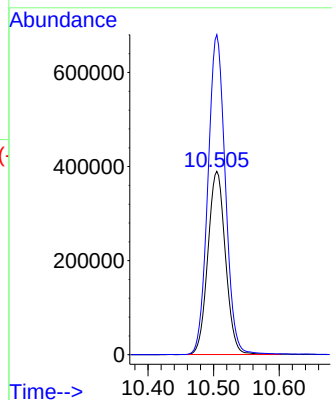
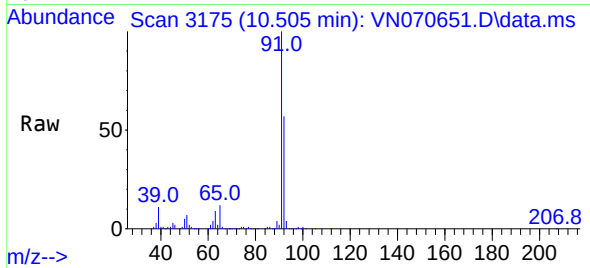




#52
Toluene
Concen: 21.083 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

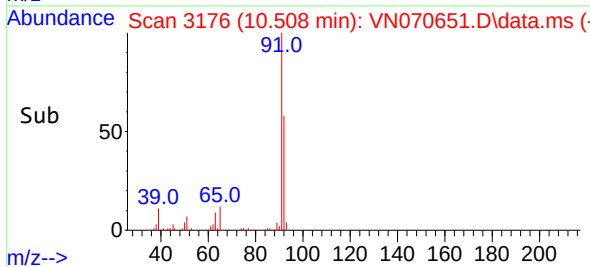
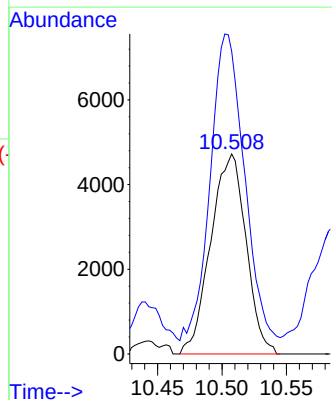
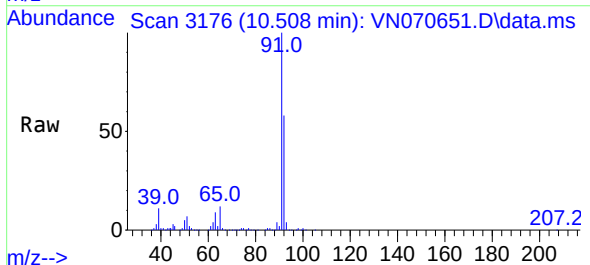
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

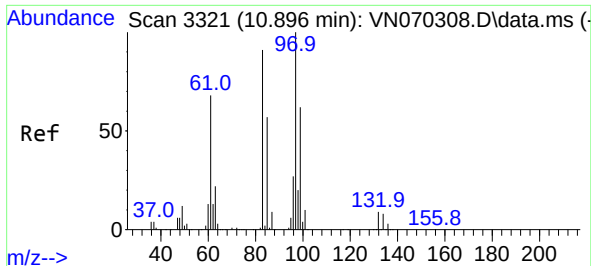
Tgt Ion: 92 Resp: 726174
Ion Ratio Lower Upper
92 100
91 173.0 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 0.440 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.209 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 75 Resp: 9001
Ion Ratio Lower Upper
75 100
77 144.6 25.6 38.4#



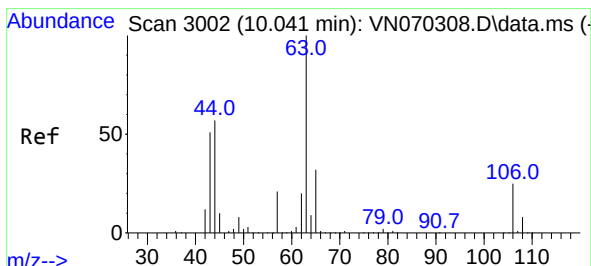
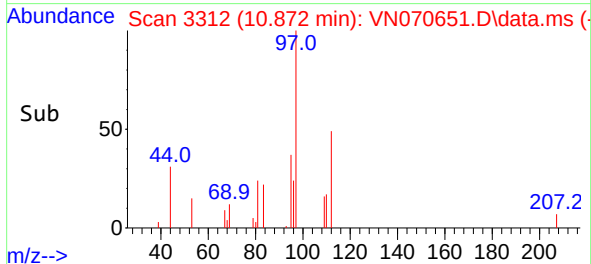
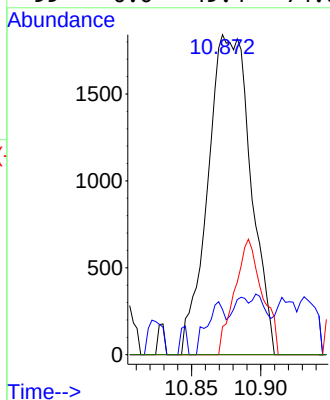
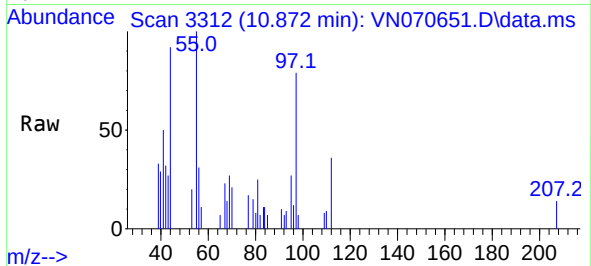


#55
1,1,2-Trichloroethane
Concen: 0.291 ug/l
RT: 10.872 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

Tgt Ion: 97 Resp: 3960

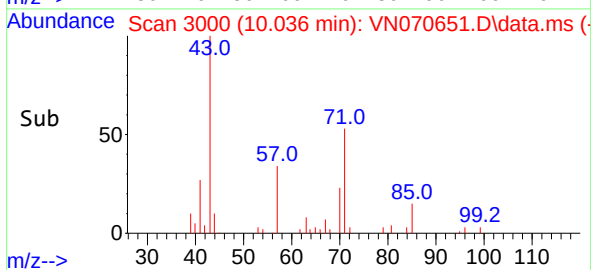
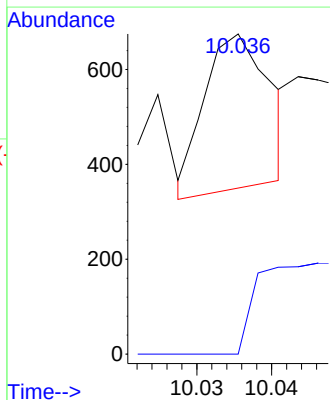
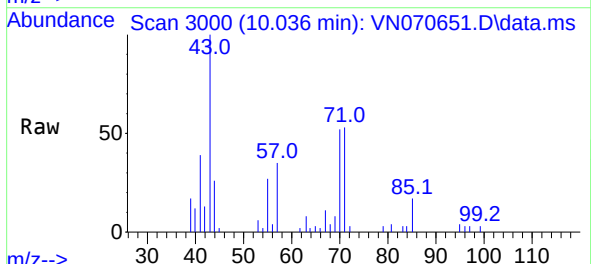
Ion	Ratio	Lower	Upper
97	100		
83	14.1	67.8	101.6#
85	8.7	45.4	68.2#
99	0.0	49.4	74.0#

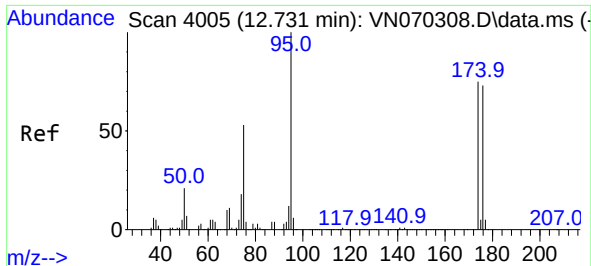


#58
2-Chloroethyl Vinyl ether
Concen: 18.545 ug/l
RT: 10.036 min Scan# 3000
Delta R.T. -0.005 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 63 Resp: 200

Ion	Ratio	Lower	Upper
63	100		
106	86.5	23.9	35.9#

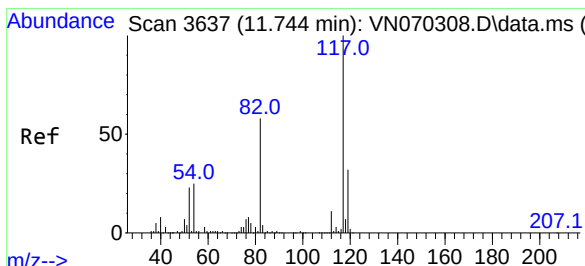
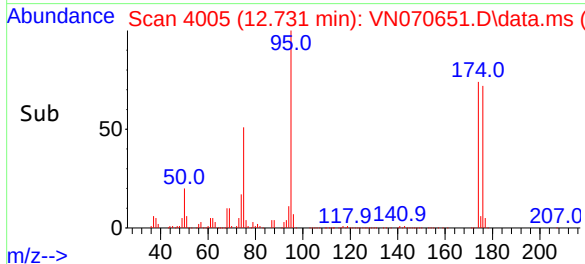
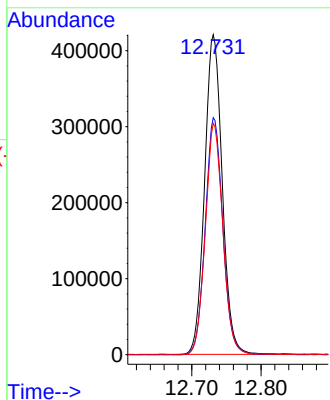
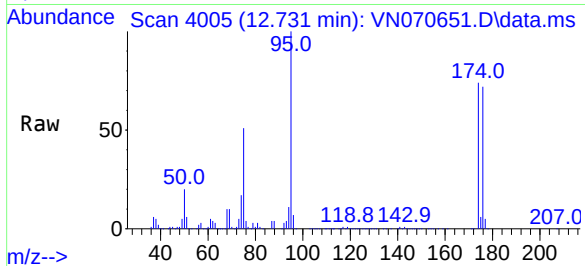




#62
4-Bromofluorobenzene
Concen: 44.984 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

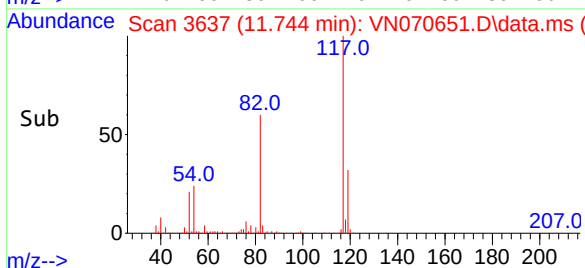
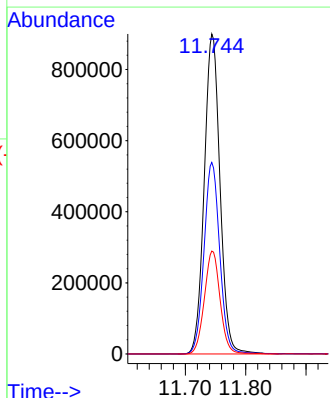
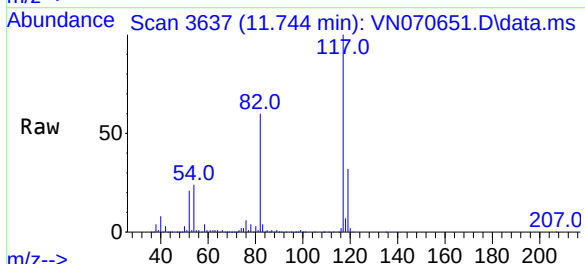
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

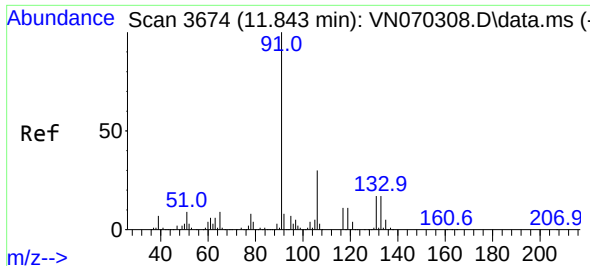
Tgt Ion: 95 Resp: 744699
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 117 Resp: 1635640
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.2 25.4 38.2

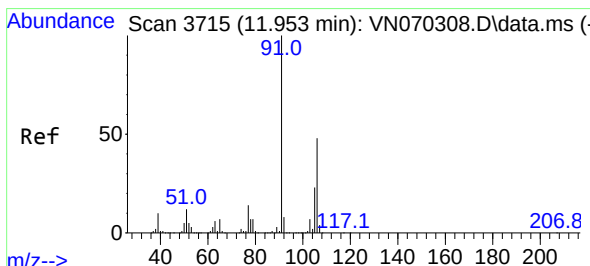
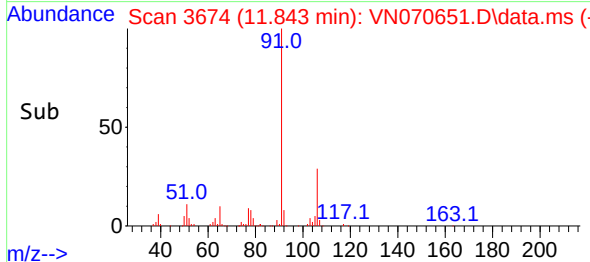
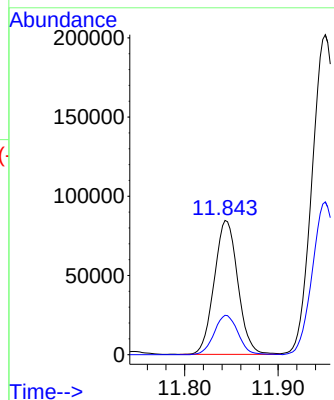
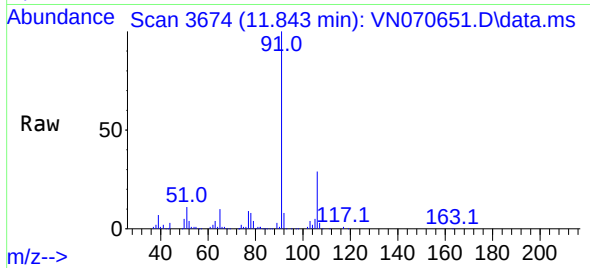




#67
Ethyl Benzene
Concen: 2.345 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

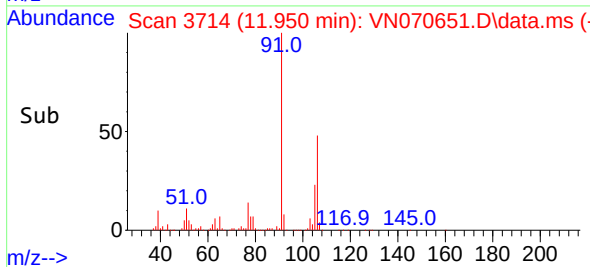
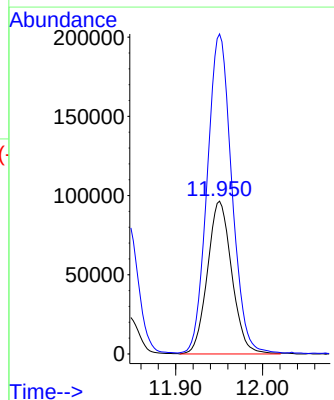
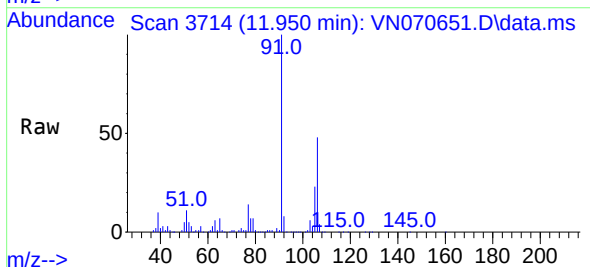
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

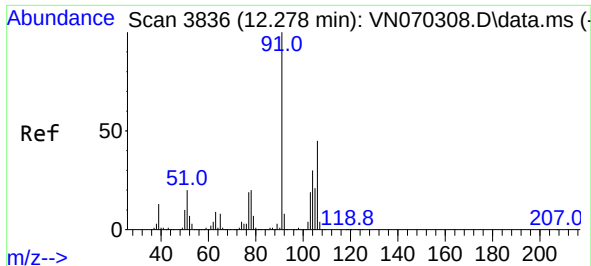
Tgt Ion: 91 Resp: 149084
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5



#68
m/p-Xylenes
Concen: 8.103 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 106 Resp: 187541
Ion Ratio Lower Upper
106 100
91 210.5 160.6 240.8

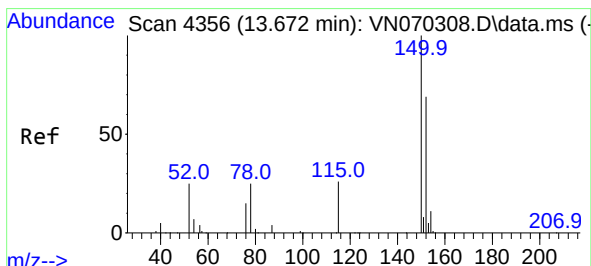
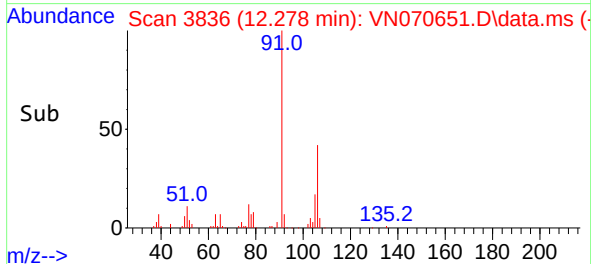
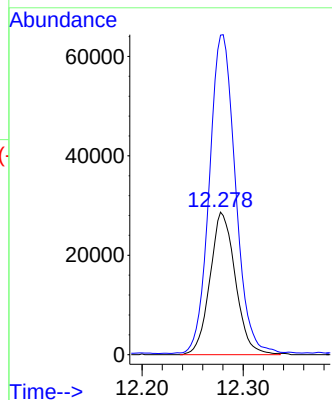
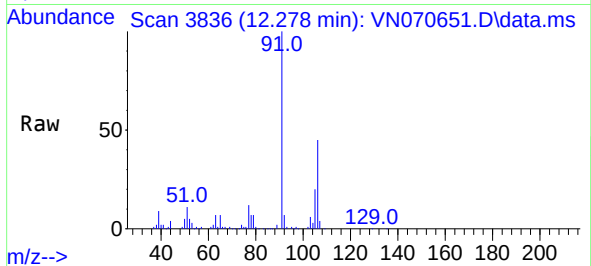




#69
o-Xylene
Concen: 2.174 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

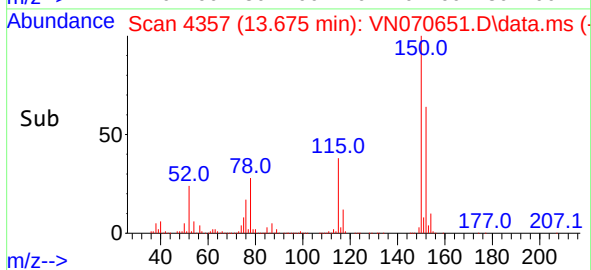
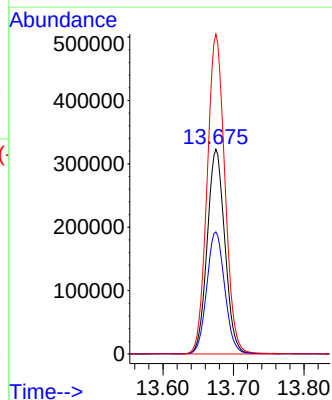
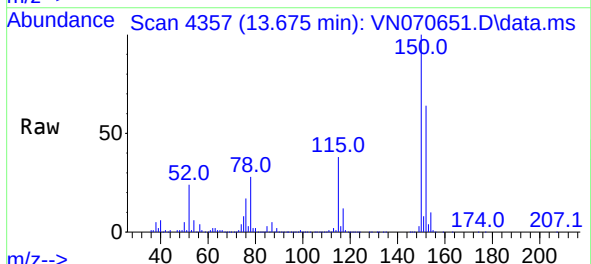
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

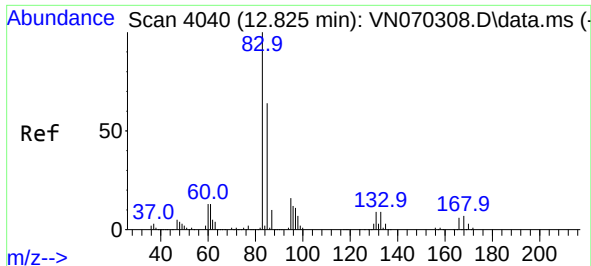
Tgt Ion:106 Resp: 50044
Ion Ratio Lower Upper
106 100
91 229.1 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion:152 Resp: 563004
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 156.3 0.0 344.4

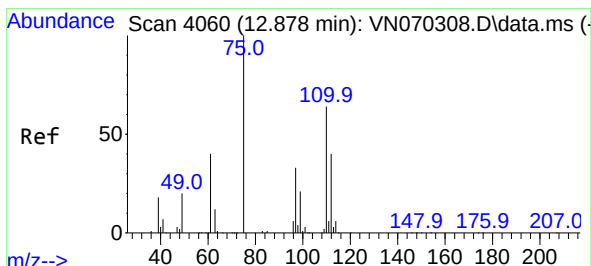
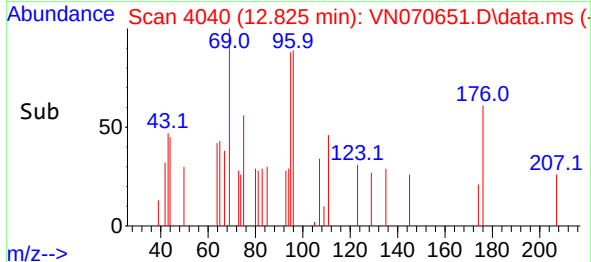
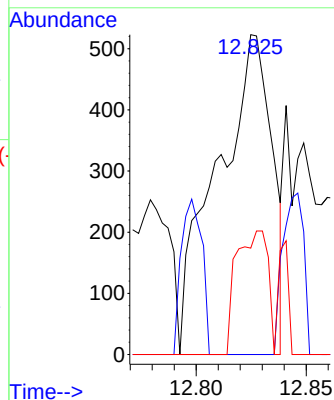
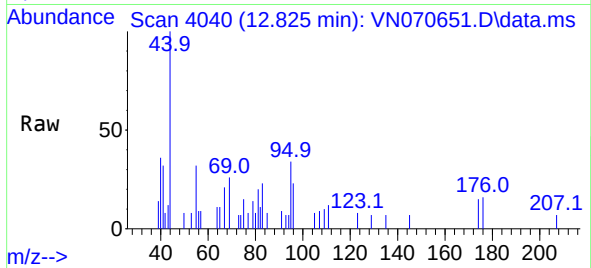




#75
1,1,2,2-Tetrachloroethane
Concen: 0.495 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

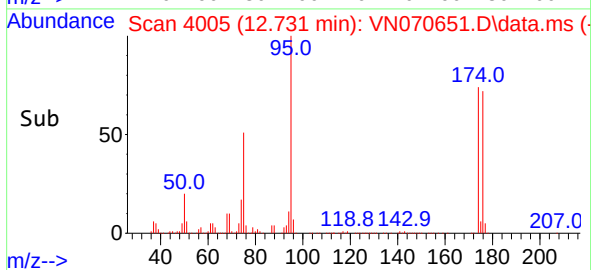
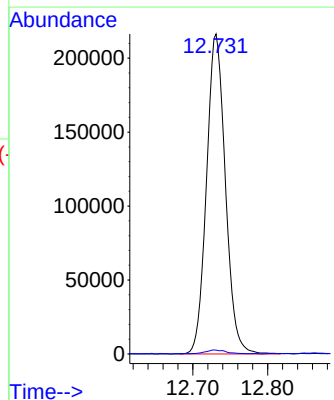
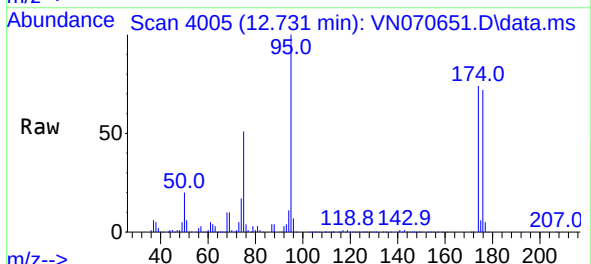
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

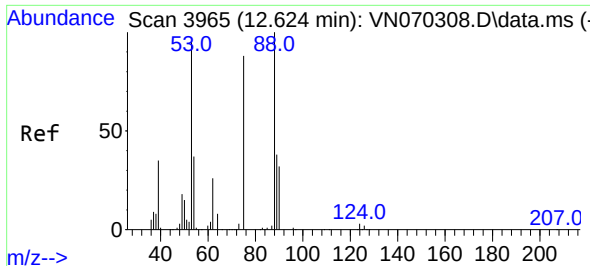
Tgt Ion: 83 Resp: 911
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 22.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 24.276 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 75 Resp: 379819
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

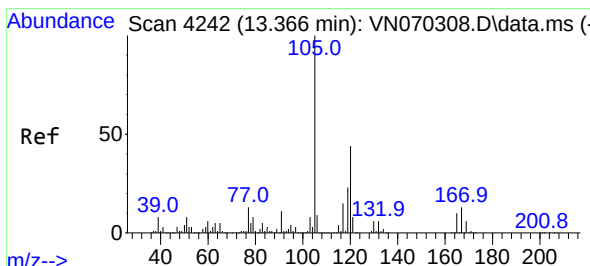
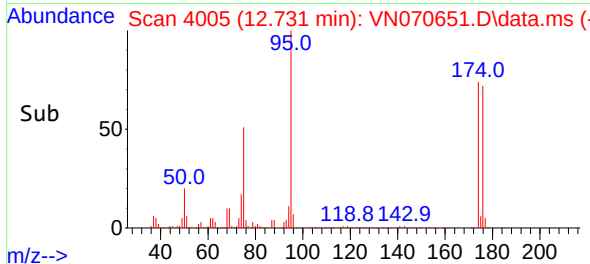
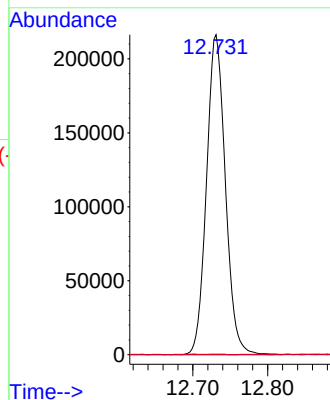
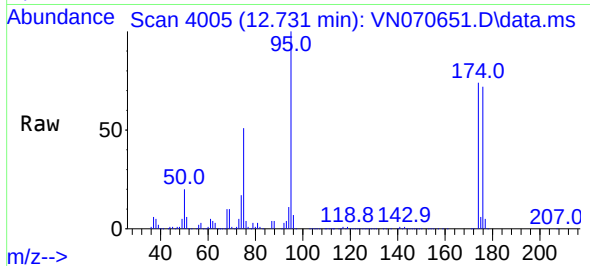




#81
trans-1,4-Dichloro-2-butene
Concen: 82.424 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

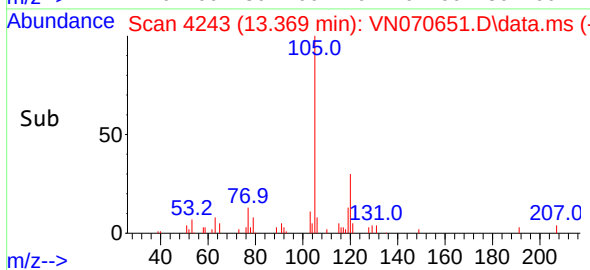
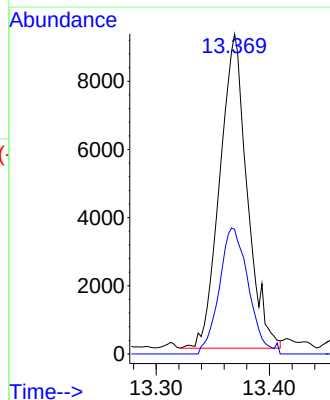
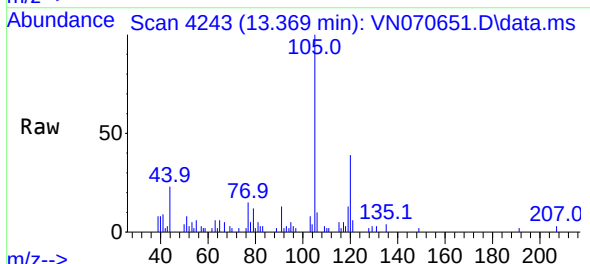
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

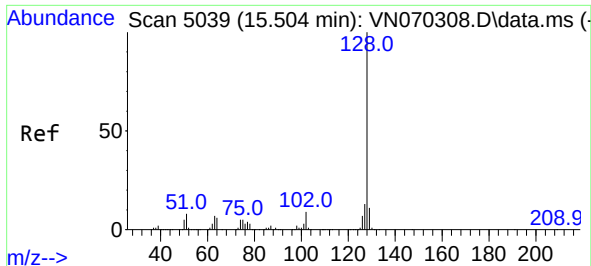
Tgt Ion: 75 Resp: 379819
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.382 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 105 Resp: 15403
Ion Ratio Lower Upper
105 100
120 42.8 22.8 68.4

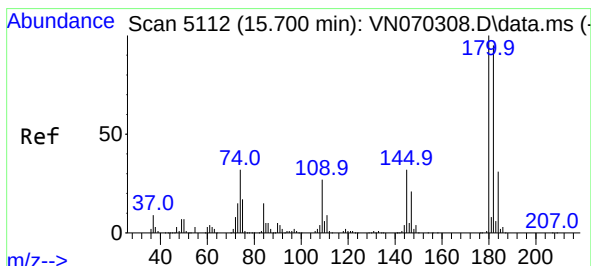
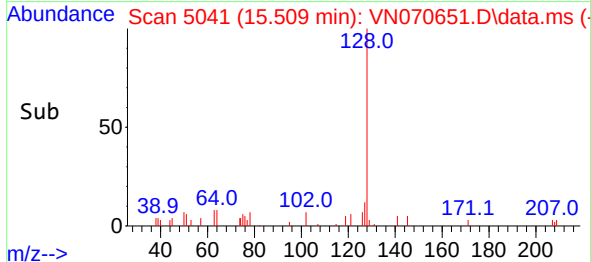
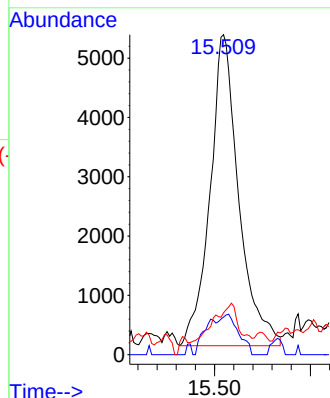
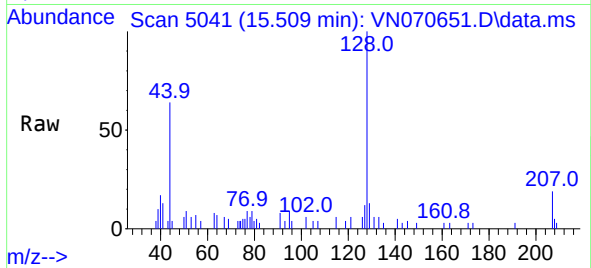




#95
Naphthalene
Concen: 2.208 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

Tgt Ion:128 Resp: 10932
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 9.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.032 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion:180 Resp: 1862
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 29.6 15.0 45.1

